

Application No. 10/822,968
Second Preliminary Amendment filed December 12, 2005

REMARKS

Amendments to the Specification

The specification has been amended to (1) conform to the drawings filed with the application; (2) conform the sequence identifiers in the specification to the sequence listing filed as pages 115-138 of the original application; and, (3) correct typographical errors. Thus the amendments to the specification contain no new matter.

Paragraph [0030] describes Figure 10; and conform the specification to Figure 10; the paragraph has been amended to identify the upper and lower panels of Figure 10 as Figure 10A and 10B, respectively. Paragraphs [0075] and [0259] have been amended to replace the plain text font of genus and species names with an italicized font, e.g., "Salmonella" has been replaced with "*Salmonella*."

The specification has been amended to conform with the drawing sheets filed with the application. Paragraph [0035] describes Figure 15. The paragraph has been replaced with six replacement paragraphs, which describe Figures 15A-15E, 15A, 15B, 15C, 15D, and 15E, respectively. Paragraph [0322] has also been amended to identify Figures 15A-15E. Additionally, paragraphs [0317] and [0320] have been amended to conform the alum concentration to the alum concentration recited in Figure 15 as filed in Application No. 09/201,430, filed November 30, 1998, which is incorporated herein by reference.

Claims 34-100 are pending, claims 1-33 having been previously canceled and claims 34-100 having been previously added. Claims 38, 39, 44, 45, 96, and 98-100 have been amended to insert a "," after "first 10 amino acids of SEQ ID NO:2". Claims 34, 40-42 and 46-49 have been amended to correct a clerical error. Claims 34, 40-42 and 46-49 have been amended to replace "SEQ ID NOS: 3, 5, 6, 9, and 10" with "SEQ ID NOS: 45, 46, 49, and 50". Support for this amendment is provided at, e.g.,

Amendments to the Claims

Claims 34-95 of the present application are substantially copied from the claims of United States Patent Application Publication No. US 2004/0247612, published December 9,

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2004, as shown in the following table. Applicants previously substantially copied claims 34-95 of United States Patent Application Publication No. US 2003/0068325, published April 10, 2003, as shown in the following table.

Claims Pending in the Instant Application	Substantially Copied Claims of US 2003/0068325	Substantially Copied Claims of US 2004/0247612
34 & 35	1	1
36	2	2
37	4	4
38	5	5
39	6	6
40	7	7
41	8	8
42	12	12
43	14	14
44	15	15
45	16	16
46	17	17
47	18	18
48	19	19
49	20	20
50 & 51	21	21
52	22	22
53	24	24
54	25	25

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Claims Pending in the Instant Application	Substantially Copied Claims of US 2003/0068325	Substantially Copied Claims of US 2004/0247612
55	26	26
56	27	27
57	28	28
58	32	32
59	34	34
60	35	35
61	36	36
62	37	37
63	38	38
64	39	39
65	40	40
66	41	41
67	42	42
68	44	44
69	45	45
70	46	46
71	47	47
72	48	48
73	52	52
74	54	54
75	55	55
76	56	56

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Claims Pending in the Instant Application	Substantially Copied Claims of US 2003/0068325	Substantially Copied Claims of US 2004/0247612
77	57	57
78	58	58
79	59	59
80	60	60
81	61	61
82	62	62
83	64	64
85	65	65
86	66	66
87	68	68
88	72	72
89	74	74
90	75	75
91	76	76
92	77	77
93	78	78
94	79	79
95	80	80

A copy of US 2004/0247612 is submitted herewith, along with a Information Disclosure Statement and PTO/SB/08A form citing US 2004/0247612 as cite no. 581.

Applicant has made the following priority claim in the Initial Application Data Sheet (ADS) filed with the instant application.

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Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Continuation of	09/723,765	11/28/2000
09/723,765	Continuation of	09/580,019	05/26/2000
This Application	Continuation of	09/580,015	05/26/2000
09/580,015	Continuation-in-part	09/322,289	05/28/1999
09/322,289	Continuation-in-part	09/201,430	11/30/1998
09/201,430	Application Claiming Benefit Under 35 U.S.C. Section 119(e)	60/080,970	04/07/1998

Entry and consideration of this Amendment are respectfully requested. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-625-8100.

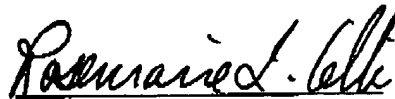
Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (650) 625-8100
Facsimile: (650) 625-8110

MOUNTAIN VIEW OFFICE

23493

CUSTOMER NUMBER



Rosemarie L. Celli
Registration No. 42,397

Date: December 12, 2005